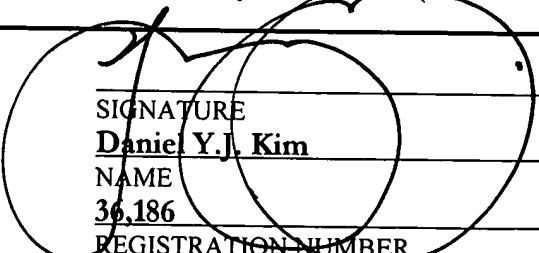


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER <b>MAT-0001</b>
		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/544292</b>
INTERNATIONAL APPLICATION NO. <b>PCT/AU2004/000124</b>	INTERNATIONAL FILING DATE <b>February 4, 2004</b>	PRIORITY DATE CLAIMED <b>February 4, 2003</b>
TITLE OF INVENTION <b>ENGINE IMPROVEMENTS</b>		
APPLICANT(S) FOR DO/EO/US <b>Norman Leslie MATTHEWS</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An Assignment Document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A Preliminary Amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute Specification.</li> <li>16. <input type="checkbox"/> A Power of Attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information</li> </ol>		
<b>International Search Report; and</b> <b>International Preliminary Report on Patentability</b>		

U.S. APPLICATION (If known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION	ATTORNEY'S DOCKET NO.																									
<b>107544292</b>		PCT/AU2004/00012	<b>MAT-0001</b>																									
<p>The following fees have been submitted:</p> <table border="1"> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee .....</td> <td>\$300.00</td> <td>Calculations</td> <td>PTO User Only</td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....</td> <td>\$0.00</td> <td>\$200.00</td> <td></td> </tr> <tr> <td>All other situations.....</td> <td>\$200.00</td> <td></td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33 (1)-(4) \$ 0.00 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....</td> <td>\$100.00</td> <td>\$400.00</td> <td></td> </tr> <tr> <td>International Search Report prepared and provided to the Office.....</td> <td>\$400.00</td> <td></td> <td></td> </tr> <tr> <td>All other situations.....</td> <td>\$500.00</td> <td></td> <td></td> </tr> </table>					21. <input checked="" type="checkbox"/> Basic national fee .....	\$300.00	Calculations	PTO User Only	22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....	\$0.00	\$200.00		All other situations.....	\$200.00			23. <input checked="" type="checkbox"/> Search fee If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33 (1)-(4) \$ 0.00 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100.00	\$400.00		International Search Report prepared and provided to the Office.....	\$400.00			All other situations.....	\$500.00		
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International Search Report prepared and provided to the Office.....	\$400.00																											
All other situations.....	\$500.00																											
<b>TOTAL OF 21, 22, and 23 =</b>																												
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.																												
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																									
- 100 =	/50 =		x \$250.00	\$																								
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																												
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE																								
Total Claims		19 - 20 =		x \$50.00																								
Independent Claims		2 - 3 =		x \$200.00																								
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$																								
<b>TOTAL OF ABOVE CALCULATIONS =</b>																												
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.																												
<b>SUBTOTAL =</b>																												
Processing fee of \$130.00 for furnishing the English language translation later than 30 months from the earliest priority date (37 CFR 1.492(f))																												
<b>TOTAL NATIONAL FEE =</b>																												
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property																												
<b>TOTAL FEES ENCLOSED =</b>																												
<table border="1"> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>charged:</td> <td>\$</td> </tr> </table>					Amount to be refunded:	\$	charged:	\$																				
Amount to be refunded:	\$																											
charged:	\$																											
a. <input checked="" type="checkbox"/> A check in the amount of \$450.00 (Check No. 15556) to cover the above fees is enclosed.																												
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.																												
c. <input checked="" type="checkbox"/> A duplicate copy of this sheet is enclosed.																												
d. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 16-0607. A duplicate copy of this sheet is enclosed.																												
<input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.																												
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.																												
SEND ALL CORRESPONDENCE TO: <b>CUSTOMER NO. 34610</b>																												
<b>FLESHNER &amp; KIM, LLP</b> P.O. Box 221200 Chantilly, Virginia 22151-1200 USA 703-766-3701																												
SIGNATURE  NAME 36,186 REGISTRATION NUMBER																												

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Norman Leslie MATTHEWS

Serial No.: New U.S. National Phase of  
Intl. Application No. PCT/AU2004/000124International Filing Date: February 2, 2004  
U.S. Natl. Phase Filing Date: August 4, 2005

Customer No.: 34610

For: ENGINE IMPROVEMENTS

AUTHORIZATION TO TREAT A REPLY AS INCORPORATING  
AN EXTENSION OF TIME UNDER 37 C.F.R. §1.136(a)(3)

U.S. Patent and Trademark Office  
Customer Service Window, MAIL STOP NEW APPLICATIONS  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time under 37 C.F.R. 1.136(a)(3). The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 16-0607, if such fees are not otherwise provided for in such reply. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
FLESHNER & KIM, LLP

Daniel Y.J. Kim  
Registration No. 36,186

P.O. Box 221200  
Chantilly, Virginia 20153-1200  
703 766-3701 DYK/dak  
Date: August 4, 2005  
Please direct all correspondence to Customer Number 34610  
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